As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled CHEVRON-FREE FLC DEVICE the specification of which

X is attached					
was filed o		as		•	
	nited States Application				
		plication Number		•	
ane	d was amended on	('C 1' 11.)	<del></del> •		
		(if applicable)	2 41 1.		
specification, including the and do not believe that the before my invention there my invention thereof or mor on sale in the United Sinvention has not been pat this application in any cours legal representatives of months (for a design patern I acknowledge the defined in Title 37, Code of I hereby claim fore any foreign application(s)	e claim(s), as amended e claimed invention we of, or patented or descore than one year prior States of America mo- ented or made the sub- intry foreign to the Union assigns more than that application) prior to the duty to disclose all in- inf Federal Regulations, eign priority benefits uf for patent or inventor	formation known to me to be mate Section 1.56. Inder Title 35, United States Code is certificate listed below and have	above. ited Stat in any of e was no plication sued bef lication ent appl erial to p , Section e also id	I do not known the soft America country before the public under the date of th	ca ore see he of or six as
any foreign application f application on which prior		r's certificate having a filing da	ite befo	re that of t	he
Prior Foreign Application(	<u>s)</u>		Priori Clain	•	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
I hereby claim the benefit provisional application(s)		States Code, Section 119(e) of any	United	States	
(Application Number)	Filing Da	<u> </u>			

Page 1 of 4

Filing Date

Declaration and Power of Attorney Att. Doc. DIS-P016

(Application Number)

application(s) listed below not disclosed in the prior United 35, United States Code, Section he material to patentability as of	insofar as the subject matter of States application in the manne 112, I acknowledge the duty to defined in Title 37, Code of F	Code, each of the claims of this application is reprovided by the first paragraph of Title disclose all information known to me to ederal Regulations, Section 1.56 which on and the national or PCT international					
(Application Number)	Filing Date (S	tatus patented, pending, abandoned)					
(Application Number)	Filing Date (S	tatus patented, pending, abandoned)					
full power of substitution and re	vocation, to prosecute this appli	Customer Number provided below, with ication and to transact all business in the t all correspondence be addressed to that					
Customer Number 21833							
statements made on information made with the knowledge that	and belief are believed to be truwillful false statements and the action 1001 of Title 18 of the U	ny own knowledge are true and that all ite; and further that these statements were like so made are punishable by fine or United States Code and that such willful any patent issued thereon.					
Full Name of Sole/First Inventor	: Jiuzhi Xue						
Inventor's Signature:		Date:					
Residence: 1212 Dover Ct., Bro		Citizenship <u>USA</u>					
Post Office Address: 1212 Dove	(Address, City, State r Ct., Broomfield, CO 80303	(Country)					
Full Name of Second Inventor: 1	Beth L. Ellis						
Inventor's Signature:		Date:					
Residence: 1276 Cavan St., Bou		Citizenship <u>USA</u>					
Post Office Address: 1276 Cava	(Address, City, State n St., Boulder, CO 80303	(Country)					
Full Name of Third Inventor: St	ephen H. Perlmutter						
Inventor's Signature:		Date:					
Residence: 430 Whitetail Cir.	Lafayette, Co 80026	Citizenship <u>USA</u>					
Post Office Address: 430 White	(Address, City, State tail Cir, Lafayette, Co 80026	e) (Country)					

Full Name of Fourth Invented Charles Crandall							
Inventor's Signature:		Date:					
Residence: 8171 E. Bellevue St., Tucson,	AZ 85715	Citizenshi	ip <u>USA</u>				
	(Address, City, State)	(Cour	ıtry)				
Post Office Address: 8171 E. Bellevue St.,	Tucson, AZ 85715						

## Title 37, Code of Federal Regulations, Section 1.56 <u>Duty to Disclose Information Material to Patentability</u>

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
    - (i) Opposing an argument of unpatentability relied on by the Office, or
    - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.